Name of Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara emple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

EMB

"SECOND AND PART BILL

e of Work: Improvements, developments and Construction Of Lead Off Drain om Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya na at Ambedkarnagara and Additional floor to Someswara temple Samudaya avana and Kanakanagara Samudaya bhavana, Additional Improvements to aradi mane and Developmental Of Balanace Roads In Kempegowda Ward, viding Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

PRE-MEASUREMENT SHEETS

"SECOND AND PART BILL

ame of W k: Improvements, developments and Construction Of Lead Off Drain From Venkatala ake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and dditional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, dditional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda ard, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, ,04 and 05

Detailed Measurements

easurement Recorded On: 29-03-2023 ; 02-04-2023

em No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
5	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3)						
	2nd Part Bill						
	For Compound Wall'						
	Doddbettahalli Govt School						
	For Cloumn Footing						
	Eastern Side						
		19	1.80	1.80	1.50	92.34	
	Southern Side						
		20	1.80	1.80	1.50	97.20	
	Northern Side						
		22	1.80	1.80	1.50	106.92	
	Western Side						
		21	1.80	1.80	1.50	102.06	
	For SSM Foundation						
	Eastern Side						
	CH: 0.00m to 14.60m	1	14.60	1.20	0.95	16.64	
	CH:14.60m to 44.60m	1	30.00	1.20	0.95	34.20	
	CH:44.60m to 71.10m	1	26.50	1.20	0.95	30.21	
	Deduct Cloumn	-19	0.30	0.25	0.95	-1.35	
	Southern Side						
	CH: 00.00m to 30.00m	1	30.00	1.20	0.95	34.20	
	CH: 30.00m to 60.00m	1	30.00	1.20	0.95	34.20	
	CH: 60.00m to 75.30m	1	15.30	1.20	0.95	17.44	
	Deduct Cloumn	-20	0.30	0.25	0.95	-1.43	
	Northern Side						
	CH: 00.00m to 30.00m	1	30.00	1.20	0.95	34.20	
	CH:30.00m to 41.45m	1	11.45	1.20	0.95	13.05	
	CH:41.45m to 43.70m Gate-1	1	2.25	1.20	0.95	2.57	
	CH:43.70m to 48.75m Gate-2	1	5.05	1.20	0.95	5.76	
	CH:48.75m to 78.75m	1	30.00	1.20	0.95	34.20	
	CH:78.75m to 82.55m	1	3.80	1.20	0.95	4.33	

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NEWZEN CONSULTANTS Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer

em No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Deduct Cloumn	-20	0.30	0.25	0.95	-1.43	
	Deduct Cloumn	-2	0.45	0.45	0.95	-0.38	
	Western Side						
	CH: 0.00m to 30.00m	1	30.00	1.20	0.95	34.20	
	CH:30.00m to 45.25m	1	15.25	1.20	0.95	17.39	
	CH:45.25m to 75.25m	1	30.00	1.20	0.95	34.20	
	CH:75.25m to 77.00m	1	1.75	1.20	0.95	2.00	
	Deduct Cloumn	-21	0.30	0.25	0.95	-1.50	
	Rcc Drain						
	Doddbettahalli Govt School						
	Northern Side						
	CH: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	CH:30.00m to 34.75m	1	4.75	1.10	1.00	5.23	
	CH:34.75m to 39.65m Culvert Gap	1	4.90				
	CH: 39.65m to 69.65m	1	30.00	1.10	1.00	33.00	
	CH: 69.65m to 84.25m	1	14.60	1.10	1.00	16.06	
	CH: 84.25m to 90.35m Culvert Gap	1	6.10				
	CH: 90.35m to 120.35m	1	30.00	1.10	1.00	33.00	
	CH: 120.35m to 137.95m	1	17.60	1.10	1.00	19.36	
	CH: 137.95m to 146.25m	1	8.30	1.10	1.00	9.13	
	Upto School						
	For Kerb Stone						
	Doddbettahalli Govt School						
	Northern Side						
	CH: 0.00m to 30.00m	1	30.00	0.20	0.25	1.50	
	CH:30.00m to 34.75m	1	4.75	0.20	0.25	0.24	
	CH:34.75m to 39.65m Culvert Gap	1	4.90				
	CH: 39.65m to 69.65m	1	30.00	0.20	0.25	1.50	
	CH: 69.65m to 84.25m	1	14.60	0.20	0.25	0.73	
	CH: 84.25m to 90.35m Culvert Gap	1	6.10				
	CH: 90.35m to 120.35m	1	30.00	0.20	0.25	1.50	
	CH: 120.35m to 137.95m	1	17.60	0.20	0.25	0.88	
	CH: 137.95m to 146.25m	1	8.30	0.20	0.25		
	For RCC Culvert						
	Northern Side						
		1	4.90	1.50	1.10	8.09	
		1	6.10	1.70	1.10	11.41	
	Debris	1	20.00	4.00	0.30	24.00	
					Present Qty	**940.25**	**Cum**
					Qty Paid In 1st Part Bill	**815.42**	**Cum**
					Total Qty	**1755.67**	**Cum**
					Qty Deduct In 1st Part Bill	**815.42**	**Cum**
					Qty Payable In 2nd Part Bill	**940.25**	**Cum**

ntractor

NEWZEN CONSULTANT ★ Bangalore ★ Consultant

Asst. Engineer

Asst. Exec. Engineer

ıme of W k: Improvements, developments and Construction Of Lead Off Drain From Venkatala ıke View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and ldditional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, ldditional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda ard, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, ,04 and 05

Detailed Measurements

easurement Recorded On: 10-04-2023 & 13-04-2023.

em Jo	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
7	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates						
	2nd Part Bill						
	For Compound Wall'						
	Doddbettahalli Govt School						
	For Cloumn Footing						
	Eastern Side						
		19	1.80	1.80	0.15	9.23	
	Southern Side						
		20	1.80	1.80	0.15	9.72	
	Northern Side						
		22	1.80	1.80	0.15	10.69	
	Western Side						
		21	1.80	1.80	0.15	10.21	
	For SSM Foundation						
	Eastern Side						
	CH: 0.00m to 14.60m	1	14.60	1.20	0.15	2.63	
	CH:14.60m to 44.60m	1	30.00	1.20	0.15	5.40	
	CH:44.60m to 71.10m	1	26.50	1.20	0.15	4.77	
	Deduct Cloumn	-19	0.30	0.25	0.15	-0.21	
	Southern Side						
	CH: 00.00m to 30.00m	1	30.00	1.20	0.15	5.40	
	CH: 30.00m to 60.00m	1	30.00	1.20	0.15	5.40	
	CH: 60.00m to 75.30m	1	15.30	1.20	0.15	2.75	
	Deduct Cloumn	-20	0.30	0.25	0.15	-0.23	
	Northern Side						
	CH: 00.00m to 30.00m	1	30.00	1.20	0.15	5.40	
	CH:30.00m to 41.45m	1	11.45	1.20	0.15	2.06	
	CH:41.45m to 43.70m Gate-1	1	2.25	1.20	0.15	0.41	

ıtractor

NEMZEN CONSULTANT Consultant Bangalore

Asst. Engineer

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Asst. Exec. Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
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Sl No	Description of Item	No	Length	A.Breadth	Depth	Qty	Unit
	CH:43.70m to 48.75m Gate-2	1	5.05	1.20	0.15	0.91	
	CH:48.75m to 78.75m	1	30.00	1.20	0.15	5.40	
	CH:78.75m to 82.55m	1	3.80	1.20	0.15	0.68	
	Deduct Cloumn	-20	0.30	0.25	0.15	-0.23	
	Deduct Cloumn	-2	0.45	0.45	0.15	-0.06	
	Western Side						
	CH: 0.00m to 30.00m	1	30.00	1.20	0.15	5.40	
	CH:30.00m to 45.25m	1	15.25	1.20	0.15	2.75	
	CH:45.25m to 75.25m	1	30.00	1.20	0.15	5.40	
	CH:75.25m to 77.00m	1	1.75	1.20	0.15	0.32	
	Deduct Cloumn	-21	0.30	0.25	0.15	-0.24	
	Rcc Drain						
	Doddbettahalli Govt School						
	Northern Side						
	CH: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	CH:30.00m to 34.75m	1	4.75	1.10	0.15	0.78	
	CH:34.75m to 39.65m Culvert Gap	1	4.90				
	CH: 39.65m to 69.65m	1	30.00	1.10	0.15	4.95	
	CH: 69.65m to 84.25m	1	14.60	1.10	0.15	2.41	
	CH: 84.25m to 90.35m Culvert Gap	1	6.10				
	CH: 90.35m to 120.35m	1	30.00	1.10	0.15	4.95	
	CH: 120.35m to 137.95m	1	17.60	1.10	0.15	2.90	
	CH: 137.95m to 146.25m	1	8.30	1.10	0.15	1.37	
	Upto School						
	For RCC Culvert						
	Northern Side						
		1	4.90	1.50	0.15	1.10	
		1	6.10	1.70	0.15	1.56	
					Present Qty	**118.94**	**Cum**
					Qty Paid In 1st Part Bill	**276.41**	**Cum**
					Total Qty	**395.34**	**Cum**
					Qty Deduct In 1st Part Bill	**276.41**	**Cum**
					Qty Payable In 2nd Part Bill	**118.94**	**Cum**

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ntractor

NEW CONSULTANT Bangalore
Consultant

Asst. Engineer

Asst. Exec. Engineer

me of Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to meswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to aradi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

Detailed Measurements

asurement Recorded On: 17-04-2023

m o	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200							
	Doddbettahalli Govt School							
	For RCC Drain							
	Northern Side							
	Total Drain Length=135.25m							
	Main Bar 10mm dia @120mm c/c							
	d=0.61kg/m							
	Distrubution Bar 10mm dia @150mm c/c							
	d=0.61kg/m							
	No of U Bars=1352		1354	2.10		0.61	1734.47	
	No of distrubution Bars=14		14	135.25		0.61	1155.04	
	RCC Culvert							
	Total Drain Length=23.4m							
	Main Bar 12mm dia @150mm c/c							
	d=0.89kg/m							
	Distrubution Bar 10mm dia @160mm c/c							
	d=0.61kg/m							
	No of U Bars=146		148	2.55		0.89	335.89	
	No of distrubution Bars=32		32	11.00		0.61	214.72	
	For Compound Wall							
	For Column Footing							
	Main Bar 12mm dia @125mm c/c							
	d=0.89kg/m							
	Distrubution Bar 12mm dia @125mm c/c							
	d=0.89kg/m							
			82	16	2.00		0.89	2335.36
			82	16	2.00		0.89	2335.36
	Plinth Beam							
	Total Length=305.95m							
	16mm dia @6 nos Rods			6	305.95		1.58	2900.41
	d=1.58kg/m							
	12mm dia @2 nos Rods			2	305.95		0.89	544.59

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Asst. Engineer

Asst. Exec. Engineer

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
d=0.89kg/m							
8mm dia @125mm c/c Striups		2448	1.25		0.39	1193.40	
d=0.39kg/m							
Rcc Column 82 Nos							
16mm dia @6 nos Rods	82	6	3.50		1.58	2720.76	
d=1.58kg/m							
12mm dia @4nos Rods	82	4	3.50		0.89	1021.72	
d=0.89kg/m							
8mm dia @125mm c/c Striups	82	28	1.30		0.39	1164.07	
d=0.39kg/m							
						17655.78	
					Present Qty	**17.66**	**Tn**
					Qty Paid In 1st Part Bill	**57.32**	**Tn**
					Total Qty	**74.98**	**Tn**
					Qty Deduct In 1st Part Bill	**57.32**	**Tn**
					Qty Payable In 2nd Part Bill	**17.66**	**Tn**

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Consultant

Asst. Engineer

Asst. Exec. Engineer

ame of Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala ake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and dditional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, dditional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda ard, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. ,03,04 and 05

Detailed Measurements

easurement Recorded On: 24-04-23

em No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
9	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates						
	2nd Part Bill						
	For RCC Drain Raft						
	Doddbettahalli Govt School						
	Northern Side						
	CH: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	CH:30.00m to 34.75m	1	4.75	0.90	0.15	0.64	
	CH:34.75m to 39.65m Culvert Gap	1	4.90				
	CH: 39.65m to 69.65m	1	30.00	0.90	0.15	4.05	
	CH: 69.65m to 84.25m	1	14.60	0.90	0.15	1.97	
	CH: 84.25m to 90.35m Culvert Gap	1	6.10				
	CH: 90.35m to 120.35m	1	30.00	0.90	0.15	4.05	
	CH: 120.35m to 137.95m	1	17.60	0.90	0.15	2.38	
	CH: 137.95m to 146.25m	1	8.30	0.90	0.15	1.12	
	For RCC Drain Wall						
	Doddbettahalli Govt School						
	Northern Side						
	CH: 0.00m to 30.00m	2	30.00	0.15	0.60	5.40	
	CH:30.00m to 34.75m	2	4.75	0.15	0.60	0.86	
	CH:34.75m to 39.65m Culvert Gap	1	4.90				
	CH: 39.65m to 69.65m	2	30.00	0.15	0.60	5.40	
	CH: 69.65m to 84.25m	2	14.60	0.15	0.60	2.63	
	CH: 84.25m to 90.35m Culvert Gap	1	6.10				
	CH: 90.35m to 120.35m	2	30.00	0.15	0.60	5.40	
	CH: 120.35m to 137.95m	2	17.60	0.15	0.60	3.17	
	CH: 137.95m to 146.25m	2	8.30	0.15	0.60	1.49	
						42.60	
	For RCC Culvert Raft						

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NEMZEN CONSULTANT * Bangalore * Consultant

Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಎಂ.ಪಿ.ಎಂ.ಕ. ಬೆಂಗಳೂರು-106
Asst. Exec. Engineer

em No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Doddbettahalli Govt School						
	Northern Side						
		1	4.90	1.20	0.20	1.18	
		1	6.10	1.50	0.20	1.83	
	For RCC Culvert Wall						
	Doddbettahalli Govt School						
	Northern Side						
		2	4.90	0.23	0.55	1.24	
		2	6.10	0.23	0.55	1.54	
						5.79	
					Present Qty	**48.39**	**Cum**
					Qty Paid In 1st Part Bill	**695.41**	**Cum**
					Total Qty	**743.80**	**Cum**
					Qty Deduct In 1st Part Bill	**695.41**	**Cum**
					Qty Payable In 2nd Part Bill	**48.39**	**Cum**

ntractor

NEWZEN CONSULTANT ★ Bangalore ★

Consultant

Asst. Engineer

Asst. Exec. Engineer

ıme of,W( )k: Improvements, developments and Construction Of Lead Off Drain From Venkatala ıke View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and ldditional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, ldditional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda ard, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, ,04 and 05

Detailed Measurements

easurement Recorded On: 21-04-2023 / 15-05-2023

em No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
0	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates						
	2nd Part Bill						
	For Compound Wall'						
	Doddbettahalli Govt School						
	For Cloumn Footing						
	Eastern Side						
		19	1.65	1.65	0.45	23.28	
	Southern Side						
		20	1.65	1.65	0.45	24.50	
	Northern Side						
		22	1.65	1.65	0.45	26.95	
	Western Side						
		21	1.65	1.65	0.45	25.73	
	For Cloumn Upto Plinth						
	Eastern Side						
		19	0.30	0.25	0.90	1.28	
	Southern Side						
		20	0.30	0.25	0.90	1.35	
	Northern Side						
		20	0.30	0.25	0.90	1.35	
		2	0.45	0.45	0.90	0.36	
	Western Side						
		21	0.30	0.25	0.90	1.42	
	For Plinth Beam						
	Eastern Side						
	CH: 0.00m to 14.60m	1	14.60	0.30	0.30	1.31	
	CH:14.60m to 44.60m	1	30.00	0.30	0.30	2.70	
	CH:44.60m to 71.10m	1	26.50	0.30	0.30	2.39	

tractor

NEMZEN CONSULTANT * Consultant * Bangalore

Executive Engineer
Brihat Bangalore Mahanagara Palike
Yelahanka, Division
Asst. Engineer

ಸಹಾಯಕ Asst. Exec. Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
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em No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Southern Side						
	CH: 00.00m to 30.00m	1	30.00	0.30	0.30	2.70	
	CH: 30.00m to 60.00m	1	30.00	0.30	0.30	2.70	
	CH: 60.00m to 75.30m	1	15.30	0.30	0.30	1.38	
	Northern Side						
	CH: 00.00m to 30.00m	1	30.00	0.30	0.30	2.70	
	CH:30.00m to 41.45m	1	11.45	0.30	0.30	1.03	
	CH:41.45m to 43.70m Gate-1	1	2.25	0.30	0.30	0.20	
	CH:43.70m to 48.75m Gate-2	1	5.05	0.30	0.30	0.45	
	CH:48.75m to 78.75m	1	30.00	0.30	0.30	2.70	
	CH:78.75m to 82.55m	1	3.80	0.30	0.30	0.34	
	Western Side						
	CH: 0.00m to 30.00m	1	30.00	0.30	0.30	2.70	
	CH:30.00m to 45.25m	1	15.25	0.30	0.30	1.37	
	CH:45.25m to 75.25m	1	30.00	0.30	0.30	2.70	
	CH:75.25m to 77.00m	1		0.30	0.30	0.16	
	For Cloumn Above Plinth						
	Eastern Side						
		19	0.30	0.25	2.50	3.56	
	Southern Side						
		20	0.30	0.25	2.50	3.75	
	Northern Side						
		20	0.30	0.25	2.10	3.15	
		2	0.45	0.45	3.05	1.24	
	Western Side						
		21	0.30	0.25	2.10	3.31	
					Present Qty	**148.77**	**Cum**
					Qty Paid In 1st Part Bill	**0.00**	**Cum**
					Total Qty	**148.77**	**Cum**
					Qty Deduct In 1st Part Bill	**0.00**	**Cum**
					Qty Payable In 2nd Part Bill	**148.77**	**Cum**

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

ntractor

NEWZEN CONSULTANT ★ Bangalore ★
Consultant

Asst. Engineer

Asst. Exec. Engineer
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ಬ.ಬ.ಪಾ.ಪ. ಬೆಂಗಳೂರು-106

ıme of Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala ıke View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and ldditional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, ldditional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda ard, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, ,04 and 05

Detailed Measurements

easurement Recorded On: 20-05-2023

em No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
9	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates07-2022						
	2nd Part Bill						
	For Below Kerb Stone						
	Doddbettahalli Govt School						
	Northern Side						
	CH: 0.00m to 30.00m	1	30.00	0.20	0.10	0.60	
	CH:30.00m to 34.75m	1	4.75	0.20	0.10	0.10	
	CH:34.75m to 39.65m Culvert Gap	1	4.90				
	CH: 39.65m to 69.65m	1	30.00	0.20	0.10	0.60	
	CH: 69.65m to 84.25m	1	14.60	0.20	0.10	ಸಹ 0.29	
	CH: 84.25m to 90.35m Culvert Gap	1	6.10				
	CH: 90.35m to 120.35m	1	30.00	0.20	0.10	0.60	
	CH: 120.35m to 137.95m	1	17.60	0.20	0.10	0.35	
	CH: 137.95m to 146.25m	1	8.30	0.20	0.10	0.17	
					Present Qty	**2.71**	**Cum**
					Qty Paid In 1st Part Bill	**9.18**	**Cum**
					Total Qty	**11.88**	**Cum**
					Qty Deduct In 1st Part Bill	**9.18**	**Cum**
					Qty Payable In 2nd Part Bill	**2.71**	**Cum**

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ಬಿ.ಡಿ.ಎ. ಬೆಂಗಳೂರು-10

ntractor

NEZEN CONSULTANT Consultant Bangalore

Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಯೋಜನಾ ವಿಭಾಗ
ಬಿ.ಡಿ.ಎ. ಬೆಂಗಳೂರು-10

Asst. Exec. Engineer

Name of Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

Detailed Measurements

Measurement Recorded On: 12-05-2023

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
23	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work						
	2nd Part Bill						
	Doddbettahalli Govt School						
Ground	**School Area**						
		1	82.00	71.00	0.70	4075.40	Cum
					Present Qty	**4075.40**	**Cum**
					Qty Paid In 1st Part Bill	**3563.10**	**Cum**
					Total Qty	**7638.50**	**Cum**
					Qty Deduct In 1st Part Bill	**3563.10**	**Cum**
					Qty Payable In 2nd Part Bill	**4075.40**	**Cum**

ntractor

NEMZEN CONSULTANT Consultant Bangalore

Asst. Engineer

ಸಹಾಯಕ Asst. Exec. Engineer,
ಯಲಹಂಕ ಉಪನಗರ ಯೋಜನಾ ಘಟಕ
ಬಿ.ಡಿ.ಎ. ಬೆಂಗಳೂರು-106

ıme of Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala ıke View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and ldditional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, ldditional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda ard, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, ,04 and 05

Detailed Measurements

easurement Recorded On: 02-05-23, 11/13-05-2023

em Jo	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
51	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km						
	2nd Part Bill						
	Qty-5	1	940.25	1.28		1203.52	
	Qty-23	1	4075.40	1.28		5216.51	
					Present Qty	**6420.03**	**T.km**
					Qty Paid In 1st Part Bill	**5604.50**	**T.km**
					Total Qty	**12024.53**	**T.km**
					Qty Deduct In 1st Part Bill	**5604.50**	**T.km**
					Qty Payable In 2nd Part Bill	**6420.03**	**T.km**

ntractor

NEMZEN CONSULTANT Consultant * Bangalore *

Asst. Engineer

Asst. Exec. Engineer

me of Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala ke View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and ditional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, ditional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda ard, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, ,04 and 05

Detailed Measurements

easurement Recorded On: 25-04-2023

em lo	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
0	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6(1 cement : 6 coarse sand)						
	2nd Part Bill						
	For Compound Wall'						
	Doddbettahalli Govt School						
	For SSM Below Foundation						
	Eastern Side						
	CH: 0.00m to 14.60m	1	14.60	0.75	0.80	8.76	
	CH:14.60m to 44.60m	1	30.00	0.75	0.80	18.00	
	CH:44.60m to 71.10m	1	26.50	0.75	0.80	15.90	
	Deduct Cloumn	-19	0.30	0.75	0.80	-3.42	
	Southern Side						
	CH: 00.00m to 30.00m	1	30.00	0.75	0.80	18.00	
	CH: 30.00m to 60.00m	1	30.00	0.75	0.80	18.00	
	CH: 60.00m to 75.30m	1	15.30	0.75	0.80	9.18	
	Deduct Cloumn	-20	0.30	0.75	0.80	-3.60	
	Northern Side						
	CH: 00.00m to 30.00m	1	30.00	0.75	0.80	18.00	
	CH:30.00m to 41.45m	1	11.45	0.75	0.80	6.87	
	CH:41.45m to 43.70m Gate-1	1	2.25	0.75	0.80	1.35	
	CH:43.70m to 48.75m Gate-2	1	5.05	0.75	0.80	3.03	
	CH:48.75m to 78.75m	1	30.00	0.75	0.80	18.00	
	CH:78.75m to 82.55m	1	3.80	0.75	0.80	2.28	
	Deduct Cloumn	-20	0.30	0.75	0.80	-3.60	
	Deduct Cloumn	-2	0.45	0.75	0.80	-0.54	
	Western Side						
	CH: 0.00m to 30.00m	1	30.00	0.75	0.80	18.00	
	CH:30.00m to 45.25m	1	15.25	0.75	0.80	9.15	
	CH:45.25m to 75.25m	1	30.00	0.75	0.80	18.00	
	CH:75.25m to 77.00m	1	1.75	0.75	0.80	1.05	
	Deduct Cloumn	-21	0.30	0.75	0.80	-3.78	
	For SSM Above Foundation						
	Northern Side						
	CH: 00.00m to 30.00m	1	30.00	0.45	0.40	5.40	
	CH:30.00m to 41.45m	1	11.45	0.45	0.40	2.06	
	CH:41.45m to 43.70m Gate-1	1	2.25				
	CH:43.70m to 48.75m Gate-2	1	5.05				

tractor

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Asst. Engineer

Asst. Exec. Engineer

em No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	CH:48.75m to 78.75m	1	30.00	0.45	0.40	5.40	
	CH:78.75m to 82.55m	1	3.80	0.45	0.40	0.68	
	Deduct Cloumn	-20	0.30	0.45	0.40	-1.08	
	Deduct Cloumn	-2	0.45	0.45	0.40	-0.16	
					Present Qty	**180.93**	**Cum**
					Qty Paid In 1st Part Bill	**0.00**	**Cum**
					Total Qty	**180.93**	**Cum**
					Qty Deduct In 1st Part Bill	**0.00**	**Cum**
					Qty Payable In 2nd Part Bill	**180.93**	**Cum**

ntractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

ıme o Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala ıke View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and ldditional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, ldditional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda ard, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, ,04 and 05

Detailed Measurements

easurement Recorded On: 20-05-2023

em Jo	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
41	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.						
	2nd Part Bill						
	Total Earthwork Qty					940.25	
	Deduct PCC Qty					-78.12	
	Deduct Footing And Column Qty					-115.00	
					Present Qty	**747.12**	**Cum**
					Qty Paid In 1st Part Bill	**0.00**	**Cum**
					Total Qty	**747.12**	**Cum**
					Qty Deduct In 1st Part Bill	**0.00**	**Cum**
					Qty Payable In 2nd Part Bill	**747.12**	**Cum**
					Qty Upto 125	**582.34**	**Cum**
					Qty Above 125	**164.79**	**Cum**

ntractor

NEWZEN CONSULTANT ★ Consultant ★ Bangalore

Asst. Engineer

Asst. Exec. Engineer

Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake ut To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor omeswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional ments to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing n link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

Detailed Measurements

nent Recorded On: 6-05-2023 , 8-05-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
viding and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm ving block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 nforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including st of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as						
d Part Bill						
r Compound Wall'						
ddbettahalli Govt School						
stern Side						
H: 0.00m to 14.60m	1	14.60		2.50	36.50	
H:14.60m to 44.60m	1	30.00		2.50	75.00	
H:44.60m to 71.10m	1	26.50		2.50	66.25	
educt Cloumn	-19	0.25		2.50	-11.88	
uthern Side						
H: 00.00m to 30.00m	1	30.00		2.50	75.00	
H: 30.00m to 60.00m	1	30.00		2.50	75.00	
H: 60.00m to 75.30m	1	15.30		2.50	38.25	
educt Cloumn	-20	0.25		2.50	-12.50	
orthern Side						
H: 00.00m to 30.00m	1	30.00		2.10	63.00	
H:30.00m to 41.45m	1	11.45		2.10	24.05	
H:41.45m to 43.70m Gate-1	1	2.25				
H:43.70m to 48.75m Gate-2	1	5.05				
H:48.75m to 78.75m	1	30.00		2.10	63.00	
H:78.75m to 82.55m	1	3.80		2.10	7.98	
Deduct Cloumn	-20	0.25		2.10	-10.50	
Deduct Cloumn	-2	0.45		2.10	-1.89	
Western Side						
CH: 0.00m to 30.00m	1	30.00		2.10	63.00	
CH:30.00m to 45.25m	1	15		2.10	32.03	
CH:45.25m to 75.25m	1	30.00		2.10	63.00	
CH:75.25m to 77.00m	1	1.75		2.10	3.68	
Deduct Cloumn	-11	0.25		2.10	-11.03	
				Present Qty	**637.94**	**Sqm**
				Qty Paid In 1st Part Bill	**0.00**	**Sqm**
				Total Qty	**637.94**	**Sqm**
				Qty Deduct In 1st Part Bill	**0.00**	**Sqm**
				Qty Payable In 2nd Part Bill	**637.94**	**Sqm**

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka Division

NEWZEN CONSULTANT
Consultant
Bangalore

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Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

MEASUREMENT SHEETS

"SECOND AND PART BILL

Name of Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To [illegible]a Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya ana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace s In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

	Detailed Measurements								
	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. Volume 1. Loading & Unloading Rs-118								
	Vide Premeasurement page no.					940.25			
					Present Qty	**940.25**	**Cum**	**341.15**	**320766.00**

	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates								
	Vide Premeasurement page no.					118.94			
					Present Qty	**118.94**	**Cum**	**6232.81**	**741309.00**

	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.								
	Vide Premeasurement page no.					17.66			
					Present Qty	**17.66**	**Tn**	**103435.02**	**1826275.00**

	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all								
	Vide Premeasurement page no.					48.39			
					Present Qty	**48.39**	**Cum**	**9041.50**	**437544.00**
0	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all								
	Vide Premeasurement page no.					148.77			
					Present Qty	**148.77**	**Cum**	**7032.28**	**1046161.00**

19	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as								
	Vide Premeasurement page no.					2.71			
					Present Qty	**2.71**	**Cum**	**6428.08**	**17388.00**

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NEWZEN CONSULTANT ★ Bangalore ★ Consultant

Asst. Engineer

ಸಹಾಯಕ [illegible] Asst. Exec. Engineer
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Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a								
Vide Premeasurement page no.					4075.40			
				Present Qty	**4075.40**	**Cum**	**72.94**	**297260.00**
Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km								
Vide Premeasurement page no.					6420.03			
				Present Qty	**6420.03**	**T.km**	**107.73**	**691630.00**
Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6(1 cement : 6 coarse sand) (V-II Page No.9, Item No.5.4 of PWD SR 2021-22)								
Vide Premeasurement page no.					180.93			
				Present Qty	**180.93**	**Cum**	**6006.12**	**1086706.00**
Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.(V-I Page No.7, Item No.1.9 of PWD SR 2021-22)								
Vide Premeasurement page no.					747.12			
				Upto 125	**582.34**	**Cum**	**228.93**	**133315.00**
				Above 125	**164.79**	**Cum**	**228.93**	**37725.00**
Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc								
Vide Premeasurement page no.					0.00			
				Present Qty	**0.00**	**Sqm**	**1190.44**	**0.00**

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NEWZEN CONSULTANT ★ Bangalore ★ Consultant

Asst. Engineer

ಸಹಾಯಕ Asst. Exec. Engineer
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ಬಿ.ಡಿ.ಎ. ಬೆಂಗಳೂರು-

**Work: Improvements, developments and Construction Of Lead Off Drain From ke
To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara an loor to
ra temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additio nts to
ane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing
bettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05**

Detailed Measurements

ment Recorded On: 5-06-23

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
oviding and fixing precast reinforced cement concrete covering slabs of)Cm thick made of M20 with OPC cement,with 20mm and down size aded granite metal coarse aggregate @0.70 mixed, Inculding providing id removing centering, shuttering, strutting propping etc., for edges of abs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, OM of machinery, curing, including cost of reinforcement etc., complete								
nd Part Bill								
recacst Slab								
oddbettahalli Govt School								
orthern Side								
H: 0.00m to 30.00m	1	30.00	0.90		27.00			
H:30.00m to 34.75m	1	4.75	0.90		4.28			
H:34.75m to 39.65m Culvert iap	1	4.90						
H: 39.65m to 69.65m	1	30.00	0.90		27.00			
H: 69.65m to 84.25m	1	14.60	0.90		13.14			
H: 84.25m to 90.35m Culvert iap	1	6.10						
H: 90.35m to 120.35m	1	30.00	0.90		27.00			
H: 120.35m to 137.95m	1	17.60	0.90		15.84			
H: 137.95m to 146.25m	1	8.30	0.90		7.47			
					Present Qty	**121.73**	**Sqm**		
					Qty Paid In 1st Part Bill	**411.56**	**Sqm**		
					Total Qty	**533.28**	**Sqm**		
					Qty Deduct In 1st Part Bill	**411.56**	**Sqm**		
					Qty Payable In 2nd Part Bill	**121.73**	**Sqm**	**2113.85**	**257309.00**

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NEWZEN CONSULTANT ★ Consultant ★ Bangalore

Asst. Engmeer

Asst. Exec. Engineer

rk: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake yout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to ara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to nane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to ettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

Detailed Measurements

ement Recorded On: 7-06-23

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
roviding and fixing RCC precast cover slab of 230mm thick for drain in ement concrete M20 using graded granite jelly 20mm and down size vith steel reinforcement, including form work, lift charges, curing and oncrete finished surfaces on both sides etc, complete and as per lrawing and the directions of Engineer in-charge. (Data Rate)								
nd Part Bill								
or Culverts Slab								
oddbettahalli Govt School								
Northern Side								
	1	4.90	1.20		5.88			
	1	6.10	1.50		9.15			
				Present Qty	**15.03**	**Sqm**		
				Qty Paid In 1st Part Bill	**28.08**	**Sqm**		
				Total Qty	**43.11**	**Sqm**		
				Qty Deduct In 1st Part Bill	**28.08**	**Sqm**		
				Qty Payable In 2nd Part Bill	**15.03**	**Sqm**	**5138.75**	**77236.00**

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Asst. Engineer

Asst. Exec. Engineer

Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake ayout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor :swara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional ements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing ink Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

Detailed Measurements								
rement Recorded On: 16-06-23								
Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
Providing and fixing Structural Steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.								
2nd Part Bill								
For Gate-1	1	2.25		2.10	4.73			
For Gate-2	1	5.05		3.00	15.15			
					19.88			
40Kg/Sqm					795.00			
Present Qty					**795.00**	**Kgs**		
Qty Paid In 1st Part Bill					**8648.80**	**Kgs**		
Total Qty					**9443.80**	**Kgs**		
Qty Deduct In 1st Part Bill					**8648.80**	**Kgs**		
Qty Payable In 2nd Part Bill					**795.00**	**Kgs**	**114.47**	**91004.00**

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NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

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Asst. Exec. Engineer

Work: Improvements, developments and Construction Of ... n From Venkatala Lake Layout To Yelahanka Waste Weir and Samudaya Bhavana at ... gara and Additional to Someswara temple Samudaya Bhavana and Kanakanagara ... avana, Additional ovements to Garadi mane and Developmental Of Balanace Ro ... gowda Ward, Providing n link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

Detailed Measurements

urement Recorded On: 08-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work (Approved Rate)								
2nd Part Bill								
For Kerb Stone								
Doddbettahalli Govt School								
Northern Side								
CH: 0.00m to 30.00m	1	30.00			30.00			
CH:30.00m to 34.75m	1	4.75			4.75			
CH:34.75m to 39.65m Culvert Gap	1	4.90						
CH: 39.65m to 69.65m	1	30.00			30.00			
CH: 69.65m to 84.25m	1	14.60			14.60			
CH: 84.25m to 90.35m Culvert	1	6.10						
CH: 90.35m to 120.35m	1	30.00			30.00			
CH: 120.35m to 137.95m	1	17.60			17.60			
CH: 137.95m to 146.25m	1	8.30			8.30			
					135.25			
Present Qty					**301.00**	**Nos**		
Qty Paid In 1st Part Bill					**1020.00**	**Nos**		
Total Qty					**1321.00**	**Nos**		
Qty Deduct In 1st Part Bill					**1020.00**	**Nos**		
Qty Payable In 2nd Part Bill					**301.00**	**Nos**	**517.24**	**155690.00**

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Asst. Engineer

...ಸಹಾಯಕ.ಅಭಿ.Exec. Engineer
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...ಬಿ.ಎಂ.ಕ. ಬೆಂಗಳೂರು-1...

Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and ional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, ional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda , Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, and 05

Detailed Measurements

urement Recorded On: 10-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces								
2nd Part Bill								
For Kerb Stone								
Doddbettahalli Govt School								
Northern Side								
CH: 0.00m to 30.00m	1	30.00		0.35	10.50			
CH:30.00m to 34.75m	1	4.75		0.35	1.66			
CH:34.75m to 39.65m Culvert Gap	1	4.90						
CH: 39.65m to 69.65m	1	30.00		0.35	10.50			
CH: 69.65m to 84.25m	1	14.60		0.35	5.11			
CH: 84.25m to 90.35m Culvert	1	6.10						
CH: 90.35m to 120.35m	1	30.00		0.35	10.50			
CH: 120.35m to 137.95m	1	17.60		0.35	6.16			
CH: 137.95m to 146.25m	1	8.30		0.35	2.91			
					Present Qty	47.34	**Sqm**	
					Qty Paid In 1st Part Bill	160.58	**Sqm**	
					Total Qty	207.92	**Sqm**	
					Qty Deduct In 1st Part Bill	160.58	**Sqm**	
					Qty Payable In 2nd Part Bill	47.34	**Sqm**	95.39	4516.00

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NEWZEN CONSULTANT ★ Consultant ★ Bangalore

Asst. Engineer

Asst. Exec. Engineer

Work: Improvements, developments and Construction Of Lead Off Drai tala Lake ayout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarna tional floor eswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana mprovements adi mane and Developmental Of Balanace Roads In Kempegowda Ward, P n link g to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 a

Detailed Measurements

rement Recorded On: 01-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.(V-II, Page No.41, Item No.8.3.1 of								
2nd Part Bill								
For Compound Wall'								
Doddbettahalli Govt School								
Eastern Side								
CH: 0.00m to 14.60m	2	14.60		2.57	75.04			
CH:14.60m to 44.60m	2	30.00		2.57	154.20			
CH:44.60m to 71.10m	2	26.50		2.57	136.21			
Southern Side								
CH: 00.00m to 30.00m	2	30.00		2.57	154.20			
CH: 30.00m to 60.00m	2	30.00		2.57	154.20			
CH: 60.00m to 75.30m	2	15.30		2.57	78.64			
Northern Side								
CH: 00.00m to 30.00m	2	30.00		2.17	130.20			
CH:30.00m to 41.45m	2	11.45		2.17	49.69			
CH:41.45m to 43.70m Gate-1	2	2.25						
CH:43.70m to 48.75m Gate-2	2	5.05						
CH:48.75m to 78.75m	2	30.00		2.17	130.20			
CH:78.75m to 82.55m	2	3.80		2.17	16.49			
Western Side								
CH: 0.00m to 30.00m	2	30.00		2.17	130.20			
CH:30.00m to 45.25m	2	15.25		2.17	66.19			
CH:45.25m to 75.25m	2	30.00		2.17	130.20			
CH:75.25m to 77.00m	2	3.75		2.17	7.60			
					Present Qty	**1413.26**	**Sqm**	
					Qty Paid In 1st Part Bill	**0.00**	**Sqm**	
					Total Qty	**1413.26**	**Sqm**	
					Qty Deduct In 1st Part Bill	**0.00**	**Sqm**	
					Qty Payable In 2nd Part Bill	**1413.26**	**Sqm**	**335.54**	**474206.00**

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka Division

NEWZEN CONSULTANT ★ Consultant ★ Bangalore

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Asst. Engineer

Asst. Exec. Engineer

f Work: Improvements, developments and Construction Of Lead Off Drai [redacted] **tala**
View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedk
ional floor to Someswara temple Samudaya Bhavana and Kanakanagara Sa **na,**
ional Improvements to Garadi mane and Developmental Of Balanace Roads **da**
, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, and 05

Detailed Measurements

urement Recorded On: 03-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (V-II, Page No.48, Item No.8.39 of PWD SR 2021-22)								
2nd Part Bill								
For Compound Wall'								
Doddbettahalli Govt School								
Eastern Side								
CH: 0.00m to 14.60m	2	14.60		2.57	75.04			
CH:14.60m to 44.60m	2	30.00		2.57	154.20			
CH:44.60m to 71.10m	2	26.50		2.57	136.21			
Southern Side								
CH: 00.00m to 30.00m	2	30.00		2.57	154.20			
CH: 30.00m to 60.00m	2	30.00		2.57	154.20			
CH: 60.00m to 75.30m	2	15.30		2.57	78.64			
Northern Side								
CH: 00.00m to 30.00m	2	30.00		2.17	130.20			
CH:30.00m to 41.45m	2	11.45		2.17	49.69			
CH:41.45m to 43.70m Gate-1	2	2.25						
CH:43.70m to 48.75m Gate-2	2	5.05						
CH:48.75m to 78.75m	2	30.00		2.17	130.20			
CH:78.75m to 82.55m	2	3.80		2.17	16.49			
Western Side								
CH: 0.00m to 30.00m	2	30.00		2.17	130.20			
CH:30.00m to 45.25m	2	15.25		2.17	66.19			
CH:45.25m to 75.25m	2	30.00		2.17	130.20			
CH:75.25m to 77.00m	2	1.70		2.17	7.60			
					Qty Present Qty	**1413.26**	**Sqm**		
					Qty Paid In 1st Part Bill	**0.00**	**Sqm**		
					Total Qty	**#######**	**Sqm**		
					Qty Deduct In 1st Part Bill	**0.00**	**Sqm**		
					Qty Payable In 2nd Part Bill	**#######**	**Sqm**	**106.61**	**150668.00**

1413.26

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka Division

NEWZEN CONSULTANTS Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer

rk: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake yout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor swara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional ements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing nk Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

Detailed Measurements

ement Recorded On: 03-06-2023

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
Providing White washing with lime to give an even shade :New work (three coats) with lime of approved quality, including cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. V-II, Page No.44, Item No.8.21 of PWD SR 2021-22)								
2nd Part Bill								
For Compound Wall'								
Doddbettahalli Govt School								
Eastern Side								
CH: 0.00m to 14.60m	2	14.60			2.57	75.04		
CH:14.60m to 44.60m	2	30.00			2.57	154.20		
CH:44.60m to 71.10m	2	26.50			2.57	136.21		
Southern Side								
CH: 00.00m to 30.00m	2	30.00			2.57	154.20		
CH: 30.00m to 60.00m	2	30.00			2.57	154.20		
CH: 60.00m to 75.30m	2	15.30			2.57	78.64		
Northern Side								
CH: 00.00m to 30.00m	2	30.00			2.17	130.20		
CH:30.00m to 41.45m	2	11.45			2.17	49.69		
CH:41.45m to 43.70m Gate-1	2	2.25						
CH:43.70m to 48.75m Gate-2	2	5.05						
CH:48.75m to 78.75m	2	30.00			2.17	130.20		
CH:78.75m to 82.55m	2	3.80			2.17	16.49		
Western Side								
CH: 0.00m to 30.00m	2	30.00			2.17	130.20		
CH:30.00m to 45.25m	2	15.25			2.17	66.19		
CH:45.25m to 75.25m	2	30.00			2.17	130.20		
CH:75.25m to 77.00m	2	1.75			2.17	7.60		
					Present Qty	**1413.26**	**Sqm**	
					Qty Paid In 1st Part Bill	**0.00**	**Sqm**	
					Total Qty	**1413.26**	**Sqm**	
					Qty Deduct In 1st Part Bill	**0.00**	**Sqm**	
					Qty Payable In 2nd Part Bill	**1413.26**	**Sqm**	21.32	30131.00
							Sub Total	8636264.00
							GST 18%	1554527.52
							Grand Total	10190791.52

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Asst. Engineer

Asst. Exec. Engineer